

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L1    | 23      | cylinder NEAR inner NEAR (stripes OR lines or tracks)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:34 |
| L2    | 0       | encoder NEAR drum NEAR inner NEAR (stripes OR lines or tracks) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:35 |
| L3    | 3       | drum NEAR inner NEAR (stripes OR lines or tracks)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:35 |
| L4    | 646     | (inner ADJ surface) NEAR (stripes OR lines or tracks)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:44 |
| L5    | 2942908 | (cylinder OR cylindrical)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:45 |
| L6    | 1444774 | L5 and (inner OR inside)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:47 |
| L7    | 293829  | L6 AND light   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:47 |
| L8    | 60387   | L6 AND (detector OR photodetector)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/25 12:52 |

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| L9  | 18747 | L6 AND (encoder OR encode OR encoding)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:53 |
| L10 | 34823 | L7 AND (detector OR photodetector)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:51 |
| L11 | 60387 | L8 AND (detector OR photodetector)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:51 |
| L12 | 34823 | L7 AND (detector OR photodetector)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:52 |
| L13 | 5277  | L10 AND (encoder OR encode OR encoding)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:54 |
| L14 | 4551  | L13 AND (strip OR stripe OR track OR lines OR band) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:55 |
| L15 | 2741  | L14 AND (reflective OR opaque OR transparent)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:59 |
| L16 | 3106  | L14 AND rotating                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:59 |

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| L17 | 1962 | L15 AND rotating                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 12:59 |
| L18 | 1346 | L17 AND (emitter OR emitting)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 13:13 |
| L19 | 30   | (cylinder OR drum) AND (encoding<br>ADJ surface) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/25 13:14 |